

## ABSTRACT OF THE DISCLOSURE

The present invention relates to novel peptides that are recognized by G protein-coupled receptor proteins.

- 5       The peptides of the present invention may be used for ① development of receptor binding assay system using the expression system of recombinant receptor proteins and screening of candidate compounds for potent pharmaceutical products and ② development of pharmaceuticals such as a central  
10 nervous function regulator, a circulatory function regulator, a cardiac function regulator, an immune function regulator, a digestive function regulator, a metabolic function regulator or a reproductive organ function regulator.

00707659.032004